

65993

SECRET

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S E C R E T 241457Z SEP 68 CITE [] 4640

25X1

PRIORITY []

25X1

SUBJECT: EVALUATION OF GLASS LAMP MISSION G-043

1. QUALITY SUMMARY: IMAGERY OBTAINED ON THIS MISSION IS BETTER THAN RECENT GLASS LAMP MISSIONS. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD WHERE ATMOSPHERIC CONDITIONS DO NOT DEGRADE THE IMAGERY. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 65 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10, WAS USED IN MISSION G-043 FLOWN 21 SEPTEMBER 1968. MODE 5 WAS USED THROUGHOUT.

B. FILM TYPE 3401 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

C. CAMERA UNIT 10 HAS JUST COMPLETED OVERHAUL (IRAN) BY THE MANUFACTURER AND MISSION G-043 IS THE FIRST OPERATIONAL MISSION IN WHICH THE CAMERA HAS BEEN USED. THIS MISSION IS THE FIRST OF RECENT GLASS LAMP MISSIONS TO USE FILM TYPE 3401.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE EXPOSURE IS ADEQUATE THROUGHOUT THE MISSION.

DISTRIBUTION	
NO	OFFICE PI
1	FILE
2	CABLE SEC.
	PGS/RB
	SECUR.
3	TSR/TAD
	PSG/OC
	RRD
	REPRO
	ATD
	ING
	PROD
	SCIEN
	WEST
	EAST
	M&S
	PGM
	IAS
	DIA-XVA
	SPAD 25X1
	DIA-AP
	25X1
	CNX

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B. DENSITY AND CONTRAST ARE GENERALLY MEDIUM.

C. IMAGED DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY AREA IN THE SHAPE OF A SEMICIRCLE 1.0 INCH IN DIAMETER IS IMAGED NEAR THE DATA BLOCK THROUGHOUT THE MISSION. ROLLER CHATTER IS PRESENT ON THE TITLED EDGE OF THE FIRST 200 FRAMES. A ROW OF MINUS DENSITY DOTS 2.3 INCHES APART, 6.0 INCHES FROM THE TITLED EDGE IS PRESENT ON FRAMES 856 TO 866.

(2) 9L SIDE: NONE NOTED.

(3) BOTH SIDES: INTERMITTENT FAINT PLUS DENSITY STREAKS ARE PRESENT PARALLEL TO THE MAJOR AXIS OF THE FILM THROUGHOUT THE MISSION. THESE STREAKS DO NOT CONSTITUTE A SERIOUS IMAGE DEGRADATION.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: HEAT SPLICES AND ASSOCIATED HANDLING MARKS ARE PRESENT BETWEEN FRAMES 910/911 AND IN FRAME 594. A MANUFACTURING SPLICE IS PRESENT IN FRAME 848.

(2) 9L SIDE: HEAT SPLICES WITH ASSOCIATED HANDLING MARKS ARE PRESENT BETWEEN FRAMES 910/911 AND IN FRAME 616. A MANUFACTURER'S SPLICE IS PRESENT IN FRAME 934. A SMALL EMULSION GOUGE IS PRESENT IN FRAME 616.

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E. AUXILIARY DATA: THE FRAME COUNTER OPERATION WAS SLIGHTLY ERRATIC. THE COUNTER READ 0000 FOR THE FIRST FRAME, REPEATED NUMBER 532 FOR ONE EXTRA FRAME, AND REPEATED NUMBER 674 FOR NINE EXTRA FRAMES. THIS RESULTED IN A BIAS OF 11 BETWEEN THE TITLED FRAME AND FRAME COUNTER. THE CLOCK IS BLURRED AND DIFFICULT TO READ.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 1123.

4. THE PRINTING AND PROCESSING WERE GOOD.

GP-1

S E C R E T

END OF MSG

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification